



#5

# SEQUENCE LISTING

<110> CHANG, HAN

YANG, WEN-PIN

WU, YULI

WHITNEY, GENA S.

PEREZ-VILLAR, JUAN J.

KANNER, STEVEN B.

<120> CLONING AND EXPRESSION OF HUMAN SLAP-2: A NOVEL  
SH2/SH3 DOMAIN-CONTAINING HUMAN SLAP HOMOLOGUE HAVING  
IMMUNE CELL-SPECIFIC EXPRESSION

<130> D0043NP

<140> 09/988,971

<141> 2001-11-20

<150> 60/252545

<151> 2000-11-22

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<170> PatentIn Ver. 2.1

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<212> DNA

<213> Homo sapiens

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<212> PRT

<213> Homo sapiens

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5

10

15

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20

25

30

Ser Lys Ala Thr Ala Val Ala Leu Gly Ser Phe Pro Ala Gly Gly Pro

35

40

45

Ala Glu Leu Ser Leu Arg Leu Gly Glu Pro Leu Thr Ile Val Ser Glu

50

55

60

Asp Gly Asp Trp Trp Thr Val Leu Ser Glu Val Ser Gly Arg Glu Tyr

65

70

75

80

Asn Ile Pro Ser Val His Val Ala Lys Val Ser His Gly Trp Leu Tyr  
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Glu Gly Leu Ser Arg Glu Lys Ala Glu Glu Leu Leu Leu Leu Pro Gly  
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Asn Pro Gly Gly Ala Phe Leu Ile Arg Glu Ser Gln Thr Arg Arg Gly  
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Ser Tyr Ser Leu Ser Val Arg Leu Ser Arg Pro Ala Ser Trp Asp Arg  
130 135 140

Ile Arg His Tyr Arg Ile His Cys Leu Asp Asn Gly Trp Leu Tyr Ile  
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Ser Pro Arg Leu Thr Phe Pro Ser Leu Gln Ala Leu Val Asp His Tyr  
165 170 175

Ser Glu Leu Ala Asp Asp Ile Cys Cys Leu Leu Lys Glu Pro Cys Val  
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Leu Gln Arg Ala Gly Pro Leu Pro Gly Lys Asp Ile Pro Leu Pro Val  
195 200 205

Thr Val Gln Arg Thr Pro Leu Asn Trp Lys Glu Leu Asp Ser Ser Leu  
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Leu Phe Ser Glu Ala Ala Thr Gly Glu Glu Ser Leu Leu Ser Glu Gly  
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<213> Artificial Sequence

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<211> 276

<212> PRT

<213> Homo sapiens

<400> 6

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Pro Asn Pro Glu Gly Leu Asp Ser Asp Phe Leu Ala Val Leu Ser Asp

20 25 30

Tyr Pro Ser Pro Asp Ile Ser Pro Pro Ile Phe Arg Arg Gly Glu Lys

35 40 45

Leu Arg Val Ile Ser Asp Glu Gly Gly Trp Trp Lys Ala Ile Ser Leu

50 55 60

Ser Thr Gly Arg Glu Ser Tyr Ile Pro Gly Ile Cys Val Ala Arg Val

65	70	75	80
Tyr His Gly Trp Leu Phe Glu Gly Leu Gly Arg Asp Lys Ala Glu Glu			
85	90	95	
Leu Leu Gln Leu Pro Asp Thr Lys Val Gly Ser Phe Met Ile Arg Glu			
100	105	110	
Ser Glu Thr Lys Lys Gly Phe Tyr Ser Leu Ser Val Arg His Arg Gln			
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Val Lys His Tyr Arg Ile Phe Arg Leu Pro Asn Asn Trp Tyr Tyr Ile			
130	135	140	
Ser Pro Arg Leu Thr Phe Gln Cys Leu Glu Asp Leu Val Asn His Tyr			
145	150	155	160
Ser Glu Val Ala Asp Gly Leu Cys Cys Val Leu Thr Thr Pro Cys Leu			
165	170	175	
Thr Gln Ser Thr Ala Ala Pro Ala Val Arg Ala Ser Ser Ser Pro Val			
180	185	190	
Thr Leu Arg Gln Lys Thr Val Asp Trp Arg Arg Val Ser Arg Leu Gln			
195	200	205	
Glu Asp Pro Glu Gly Thr Glu Asn Pro Leu Gly Val Asp Glu Ser Leu			
210	215	220	
Phe Ser Tyr Gly Leu Arg Glu Ser Ile Ala Ser Tyr Leu Ser Leu Thr			
225	230	235	240
Ser Glu Asp Asn Thr Ser Phe Asp Arg Lys Lys Lys Ser Ile Ser Leu			
245	250	255	
Met Tyr Gly Gly Ser Lys Arg Lys Ser Ser Phe Phe Ser Ser Pro Pro			
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Tyr Phe Glu Asp			
275			

<210> 7

<211> 281

<212> PRT

<213> Mus musculus

<400> 7

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Leu	Arg	Val	Ile	Ser	Asp	Glu	Gly	Gly	Trp	Trp	Lys	Ala	Ile	Ser	Leu	50	55	60	
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Ser	Glu	Val	Ala	Asp	Gly	Leu	Cys	Cys	Val	Leu	Thr	Thr	Pro	Cys	Leu	165	170	175	
Ala	Gln	Asn	Ile	Pro	Ala	Pro	Thr	Ser	His	Pro	Ser	Pro	Cys	Thr	Ser	180	185	190	
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Val	Ser	Arg	Leu	Gln	Glu	Gly	Ser	Glu	Gly	Ala	Glu	Asn	Pro	Leu	Arg	210	215	220	
Val	Asp	Glu	Ser	Leu	Phe	Ser	Tyr	Gly	Leu	Arg	Glu	Ser	Ile	Ala	Ser	225	230	235	240
Tyr	Leu	Ser	Leu	Thr	Gly	Asp	Asp	Ser	Ser	Ser	Phe	Asp	Arg	Lys	Lys	245	250	255	

Lys Ser Leu Ser Leu Met Tyr Thr Gly Ser Lys Arg Lys Ser Ser Phe  
260 265 270

Phe Ser Ala Pro Gln Tyr Phe Glu Asp  
275 280